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MELLON INSTITUTE OF INDUSTRIAL RESEARCH

UNIVERSITY OF PITTSBURGH

CPSC

Re. 2-1-44 44

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PROGRESS REPORT for the month ended January 31, 1944

Carbide and Carbon Chemicals Corporation

Industrial Fellowship 274-7

Subjects under)
which report is)
to be indexed)

Phenol

CONTAINS NO CBI

Phenol

A 4% solution of phenol in water applied by imunction killed 2 of 10 rabbits at 50 ml./kg. (2 gm./kg. of phenol) and the same concentration in a U.S.P. light mineral oil killed 4 of 4 rabbits at the same dosage and none of 5 at half the dosage. One or two surviving rabbits may yet die and change the ratio slightly. Thus phenol penetrates the skin appreciably more rapidly from oil than from water. No more study of this question is planned.

Henry F. Smyth, Jr.-rmg

Henry F. Smyth, Jr.
SENIOR INDUSTRIAL FELLOW

Charles P. Carpenter

Charles P. Carpenter
INDUSTRIAL FELLOW

C. Boyd Shaffer

C. Boyd Shaffer
INDUSTRIAL FELLOW

T: February 2, 1944.

CERTIFICATE OF AUTHENTICITY

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